

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	4535	257/678	USPAT	ADJ	ON	2008/10/29 12:58
S5	1207	S4 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/29 12:58
S22	772	257/710	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 16:26
S23	737	257/710	USPAT	ADJ	ON	2008/10/30 16:26
S24	185	S23 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 16:26
S25	460	361/277	USPAT	ADJ	ON	2008/10/30 16:31
S26	100	S25 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 16:31
S27	1384	257/415	USPAT	ADJ	ON	2008/10/30 16:34
S30	241	257/234	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 16:38
S33	349	257/414 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 16:42
S34	54	257/234 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 16:52
S35	1343	361/760 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 16:53
S36	92	333/186 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 16:58
S38	69	333/105 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 17:01
S39	606	438/48 and (@rlad<="20040315")	USPAT	ADJ	ON	2008/10/30 17:03
S43	393	438/460 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:20
S44	263	438/51 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:25
S45	72	("20020011759" "20020017132" "3886447" "4560953" "5012207" "5025346" "5194819" "5243861" "5343157" "5359893" "5413668" "5417312" "5424650" "5491604" "5536988" "5563343" "5572057" "5578976" "5585311" "5600190" "5646432" "5658698" "5761350" "5783340" "5798283" "5804314" "5815051" "5834864" "5877038" "5903380" "5920978" "5943155" "5955932" "5959516" "5995688" "6046066" "6060336" "6071426" "6094102" "6100477" "6114794" "6116756" "6127767" "6137206" "6144545" "6149190" "6159385"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 17:28

		"6170332" "6188322" "6232150" "6232841" "6232847" "6236281" "6257705" "6265238" "6307169" "6316278" "6348788" "6356378" "6356689" "6373682" "6384353" "6391742" "6400009" "6411214" "6417743" "6463339" "6465929" "6466005" "6497141" "6504356" "6761829").PN. OR ("7018550"). URPN.				
S46	505	438/459 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:33
S47	1007	235/472.01 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:38
S48	615	385/18 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:39
S49	317	385/8 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:41
S50	98	73/818 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:42
S51	15	73/820 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:43
S52	186	359/199 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:43
S53	324	73/718 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:44
S54	130	73/493 and (@rlaD<="20040315")	USPAT	ADJ	ON	2008/10/30 17:46
S55	12641	S18 and silicon	USPAT	ADJ	ON	2008/10/30 17:49
S56	4722	S55 and polymer	USPAT	ADJ	ON	2008/10/30 17:49
S57	2278	S56 and vacuum	USPAT	ADJ	ON	2008/10/30 17:50
S58	1611	S57 and gas	USPAT	ADJ	ON	2008/10/30 17:50
S59	208	S58 and permeable	USPAT	ADJ	ON	2008/10/30 17:50
S60	1403	S58 not S59	USPAT	ADJ	ON	2008/10/30 17:55
S62	50	S18 and (gas cavity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/30 18:34
S63	1423	S18 and SOL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/10/30 18:36

S64	19	("20030020565" "20040065638" "20050037534" "6249073" "6296779" "6424074" "6433401" "6490147" "6566786" "6569754" "6577040" "6593831" "6600252" "6628177" "6667558" "6673694" "6680660" "6713938" "6739190").PN. OR ("7406761").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 18:39
S65	4	("20070298613" "5071510" "5110373" "5354695").PN. OR ("7393784").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 18:43
S66	1397	438/48 and (@ad<="20040315")	USPAT	ADJ	ON	2008/10/30 18:54
S67	917	S63 and (@ad<="20040315")	USPAT	ADJ	ON	2008/10/30 18:55
S69	26072	S18 and (@ad<="20040315")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/10/30 19:23
S72	10699	S71 and contacts	USPAT	ADJ	ON	2008/10/30 19:24
S73	2334	S72 and barrier	USPAT	ADJ	ON	2008/10/30 19:24
S74	449	(farrokh).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/06 13:07
S75	3464	(kohl).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/06 13:07
S76	3	S74 and S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/06 13:08
S77	58	(ayazi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/06 13:10
S78	34	S77 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/06 13:10
S79	292405	(paul kohl).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/06 13:18

S80	132	(paul kohl).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/06 13:18
S83	5	("20020081787" "5525190" "6096656" "6599436" "6815329"). PN. OR ("7182875").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/06 14:36
S92	3409	29/846	USPAT	ADJ	ON	2008/11/06 15:47
S93	2999	S92 and (@ad<="20040315")	USPAT	ADJ	ON	2008/11/06 15:47
S94	2999	S92 and (@ad<="20040315")	USPAT	OR	ON	2008/11/06 15:47
S95	62	S94 and MEMS	USPAT	OR	ON	2008/11/06 15:50
S96	39	(438/702)and (@ad<="20040315") and MEMS	USPAT	OR	ON	2008/11/06 15:53
S97	76	(438/694)and (@ad<="20040315") and MEMS	USPAT	OR	ON	2008/11/06 15:56
S98	409	(438/52)and (@ad<="20040315") and MEMS	USPAT	OR	ON	2008/11/06 16:18
S104	19943	(free near standing) and (@ad<="20040315")	USPAT	ADJ	ON	2008/11/06 17:02
S105	486	S104 and mems	USPAT	ADJ	ON	2008/11/06 17:02
S106	443	S105 and substrate	USPAT	ADJ	ON	2008/11/06 17:13
S107	281	S106 and silicon	USPAT	ADJ	ON	2008/11/06 17:13
S115	2258	257/192	US-PGPUB; USPAT	ADJ	ON	2008/11/10 09:31
S116	1647	257/192 and (@ad<="20040315")	US-PGPUB; USPAT	ADJ	ON	2008/11/10 09:32
S118	159	257/678 and (@ad<="20040315") and (MEMS)	US-PGPUB; USPAT	OR	ON	2008/11/10 09:35
S119	18	257/e33.056 and (@ad<="20040315")	US-PGPUB; USPAT	OR	ON	2008/11/10 09:57
S120	10	257/e33.058 and (@ad<="20040315")	US-PGPUB; USPAT	OR	ON	2008/11/10 09:58
S121	2050	438/694 and (@ad<="20040315")	US-PGPUB; USPAT	OR	ON	2008/11/10 10:00
S122	87	438/694 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 10:01
S123	3	438/519 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 10:06
S124	451	438/52 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 10:07
S144	668	216/2 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 11:56
S145	65	29/846 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 13:15

S146	21	438/32 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 13:18
S147	29	438/738 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 13:19
S148	451	438/52 and (@ad<="20040315") and (mems)	US-PGPUB; USPAT	OR	ON	2008/11/10 13:21
S149	52	("3909924" "4258565" "4532700" "4567451" "4628591" "4628740" "4665610" "4744863" "4766666" "4771638" "4771639" "4772786" "4784721" "4800759" "4805456" "4841272" "4841775" "4853669" "4889590" "4893509" "4897360" "4901570" "4926143" "4945769" "4956795" "4966649" "4975390" "4993143" "5009108" "5090254" "5095401" "5110373" "5242863" "5313836" "5332469" "5352635" "5427975").PN. OR ("5834333"). URP.N.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/10 14:14
S150	32648	(mems) and (membrane) enclosed near (gas) near (cavity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 14:18
S155	11558	(mems) and (membrane) enclosed near (gas) near (cavity) and (@ad<="20040315")	USPAT	OR	ON	2008/11/10 14:20
S156	3527	S155 and silicon	USPAT	OR	ON	2008/11/10 14:21
S157	840	S156 and protective	USPAT	OR	ON	2008/11/10 14:21
S160	267	(mems) and (gas) near (cavity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 14:26
S161	95	S160 and (@ad<="20040315")	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/10 14:26
S164	350	257/418 and (@ad<="20040315")	USPAT	OR	ON	2008/11/10 14:33
S165	20	("4276533" "4812896" "4891984" "4894698" "4906586" "5044201" "5090254" "5121180" "5164328" "5181156" "5185653" "5216490" "5323051" "5376588" "5406117" "5428242" "5486720" "5629559").PN. OR ("6621158"). URP.N.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/10 15:06
S170	3430454	(micro electro mechanical device substrate layer surrounds gas cavity)	USPAT	OR	ON	2008/11/10 15:28
S171	30406	S170 and mems	USPAT	OR	ON	2008/11/10 15:29
S172	7824	S171 and vacuum	USPAT	AND	ON	2008/11/10 15:29
S173	4373	S172 and silicon	USPAT	AND	ON	2008/11/10 15:29
S174	1038	S173 and protective	USPAT	AND	ON	2008/11/10 15:30
S175	673	S174 and (@ad<="20040315")	USPAT	AND	ON	2008/11/10 15:30

S187	56	(MEMS packaging). TI.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/10 16:25
S188	13	S187 and (@rlad<="20040315")	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/10 16:28
S189	23	S187 and (@ad<="20040315")	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/10 16:29
S201	864	257/414 and (@ad<="20040315")	USPAT	ADJ	ON	2008/11/12 08:35
S202	266	S201 and cavity	USPAT	ADJ	ON	2008/11/12 08:39
S205	190	S201 and thermally	USPAT	ADJ	ON	2008/11/12 08:53
S213	1571	((MEMS) or (Micro near electro-mechanical) or (micro-electromechanical) or (microelectromechanical)) same (package or housing or enclosure)	USPAT	OR	ON	2008/11/12 12:13
S214	16	S213 and gas\$2 near (cavity or groove or void or hole or pocket)	USPAT	OR	ON	2008/11/12 12:14
S215	915	S213 and (@ad<="20040315")	USPAT	OR	ON	2008/11/12 12:15
S216	39	S215 and (gas\$2 or vacuum) near (cavity or void or hole or hollow or pocket)	USPAT	OR	ON	2008/11/12 12:16
S218	167	S215 and (sacrificial) near (layer\$1 or film\$1)	USPAT	OR	ON	2008/11/12 12:55
S219	146	S218 and (thermal\$2 or heat\$3)	USPAT	OR	ON	2008/11/12 12:58
S220	156	S218 and ((thermal\$2 or heat\$3) near \$3 decompos\$3)	USPAT	OR	ON	2008/11/12 12:59
S227	470303	(MEMS or (micro near electro-mechanical) or micro-electromechanical or microelectromechanical)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:10
S228	132968	(MEMS or (micro near electro-mechanical) or micro-electromechanical or microelectromechanical) and (package or housing or enclosure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:10
S229	426	(MEMS or (micro near electro-mechanical) or micro-electromechanical or microelectromechanical) and (package or housing or enclosure) and (gas\$2 near (cavity or groove or void or hole or hollow or pocket))	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:10
S230	112	(MEMS or (micro near electro-mechanical) or micro-electromechanical or microelectromechanical) and (package or housing or enclosure) and (gas\$2 near (cavity or groove or void or hole or hollow or pocket)) and (hermetic or airtight or air-tight)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:11

S236	2233086	S233 not (S218 and S219 and S220 and S221 and S225 and S226) and vacuum and sacrificial near (layer\$1 or film\$1) and (gas\$2 or air) near\$3 (cavity or groove or void or hole or hollow or pocket)	USPAT	OR	ON	2008/11/12 16:20
S237	1015	S233 not (S218 and S219 and S220 and S221 and S225 and S226) and vacuum and sacrificial near (layer\$1 or film\$1) and (gas\$2 or air) and (cavity or groove or void or hole or hollow or pocket)	USPAT	OR	ON	2008/11/12 16:27
S238	707	S233 not (S218 and S219 and S220 and S221 and S225 and S226) and vacuum and sacrificial near (layer\$1 or film\$1) and (gas\$2 or air) and (cavity or groove or void or hole or hollow or pocket) and (@ad<="20040315")	USPAT	OR	ON	2008/11/12 16:28
S239	477	S233 not (S218 and S219 and S220 and S221 and S225 and S226) and vacuum and sacrificial near (layer\$1 or film\$1) and (gas\$2 or air) and (cavity or groove or void or hole or hollow or pocket) and (@ad<="20040315") and (free standing membrane)	USPAT	OR	ON	2008/11/12 16:39
S251	467680	(mems) (@ad<="20040315") and (free near standing near membrane)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:49
S252	41054	S251 and vacuum	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:50
S253	4535	S252 and thermally	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:50
S255	12095	S251 and vacuum and thermal\$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:52
S256	8179	S255 and gas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:52
S257	1461	S256 and permeable	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:52
S258	778	S257 and (@ad<="20040315")	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 16:53
S260	470303	MEMS or (micro near electro-mechanical) or micro-electromechanical or microelectromechanical	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 17:01
S261	70620	S260 same (package or housing or enclosure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 17:02
S262	21942	gas\$2 near (cavity or groove or void or hole or hollow or pocket)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 17:02
S263	131152	hermetic or airtight or air-tight	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 17:03
S264	51	S260 and S261 and S262 and S263	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 17:03
S271	11976	S267 and vacuum	USPAT	OR	ON	2008/11/12 17:10

S272	8759	S268 and (gas cavity enclosing)	USPAT	OR	ON	2008/11/12 17:11
S273	11647	S268 and (gas cavity enclosing active surface)	USPAT	OR	ON	2008/11/12 17:12
S274	2985	S273 and silicon	USPAT	OR	ON	2008/11/12 17:12
S278	556386	(paul "j." joseph).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 06:37
S279	556283	(paul joseph).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 06:37
S280	262989	(paul joseph).in.	USPAT	OR	ON	2008/11/13 06:37
S281	3754	(paul joseph).in.	USPAT	AND	ON	2008/11/13 06:38
S282	425	(paul joseph).in.	USPAT	ADJ	ON	2008/11/13 06:38
S283	0	(paul "j." joseph).in.	USPAT	ADJ	ON	2008/11/13 06:38
S284	784	(paul joseph).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/13 06:39
S292	894	sacrificial structure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 07:46
S293	454	S292 and mems	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 07:46
S294	194	S293 and cavity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 07:46
S295	134	S294 and polycarbonate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 07:47

S297	364	sacrificial structure and (@ad<="20040315")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 07:52
S328	534	photo adj definable	US-PGPUB; USPAT	OR	ON	2008/11/17 13:13
S329	327	S328 and (@ad<="20040315")	US-PGPUB; USPAT	OR	ON	2008/11/17 13:13
S330	43	S329 and mems	US-PGPUB; USPAT	OR	ON	2008/11/17 13:15
S336	11731	S329 and thermally decomposable	US-PGPUB; USPAT	OR	ON	2008/11/17 13:27
S339	93	S329 and thermally	US-PGPUB; USPAT	OR	ON	2008/11/17 13:28
S347	59	(mems and leadframe) and (@ad<="20040315")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:56
S348	11	(mems and leadframe and coat) and (@ad<="20040315")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:58
S349	59	(mems and leadframe) and (@ad<="20040315")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:03
S412	4401	S411 and silicon	USPAT	AND	ON	2008/11/19 14:26
S413	1044	S412 and protective	USPAT	AND	ON	2008/11/19 14:26
S414	489	S413 and oxygen	USPAT	AND	ON	2008/11/19 14:26
S415	489	S414 and mems	USPAT	AND	ON	2008/11/19 14:27
S416	365	S415 and (@ad<="20040315")	USPAT	AND	ON	2008/11/19 14:28
S417	9	S413 and (against near oxygen)	USPAT	AND	ON	2008/11/19 14:42
S420	114	S416 and epoxy	USPAT	AND	ON	2008/11/19 15:44
S421	114	S420 and mems	USPAT	AND	ON	2008/11/19 15:45
S422	23	(mems and leadframe and epoxy) and (@ad<="20040315")	USPAT	AND	ON	2008/11/19 15:50

11/19/2008 6:10:45 PM

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